

APPLICATION FOR PERMIT
TO APPROPRIATE THE PUBLIC WATERS OF THE STATE OF NEVADA

OCT 10 1978

Date of filing in State Engineer's Office.....

Returned to applicant for correction.....

Corrected application filed.....

Map filed.....

OCT 10 1978

The applicant Sunoco Energy Development Company
Box 9, Suite 1500
12700 Park Central Place, of Dallas
Street and No. or P.O. Box No. City or Town
Texas 75251, hereby make application for permission to appropriate the public
State and Zip Code No.

waters of the State of Nevada, as hereinafter stated. (If applicant is a corporation, give date and place of incorporation; if a copartnership or association, give names of members.)

Incorporated January 2, 1975 in the State of Delaware

1. The source of the proposed appropriation is from surface water out of a lake
Name of stream, lake or other source.

that is fed from runoff water

2. The amount of water applied for is 0.25 second-feet
One second-foot equals 448.83 gals. per min.

(a) If stored in reservoir give number of acre-feet acre-feet

3. The water to be used for Industrial
Irrigation, power, mining, manufacturing, domestic, or other use.

4. If use is for:

(a) Irrigation (state number of acres to be irrigated).....

(b) Stockwater (state number and kinds of animals to be watered).....

(c) Other use (describe fully under "No. 12. Remarks").....

(d) Power:

(1) Horsepower developed.....

(2) Point of return of water to stream.....

5. The water is to be diverted from its source at the following point: NW¹/₄SE¹/₄ section 2, T34N.

R23E, MDB&M, or at a point from which the S¹/₄ corner of said section
Describe as being within a 40-acre subdivision of public survey, and by course and distance to a section corner. If on unsurveyed land,

2 bears S 05° 00' W 1670.00 feet
it should be stated.

6. Place of use all of section 1, E¹/₂, E¹/₂W¹/₂ section 2, T34N, R23E, MDB&M.
Describe by legal subdivision, if on unsurveyed land it should be so stated.

all of section 36, E¹/₂, E¹/₂W¹/₂ section 35, T35N, R23E, MDB&M.

7. Use will begin about January 1 and end about December 31, of each year.
Day and Month Day and Month

8. Description of proposed works. (Under the provisions of NRS 535.010 you may be required to submit plans and specifications of your diversion or storage works.) A sump pump will be placed in the lake
in order to pump water into a water truck to be used for drilling
State manner in which water is to be diverted, whether by dam or other works, whether through pipes, ditches, flumes, or other conduits.
purposes

9. Estimated cost of works.....\$2,000.00
10. Estimated time required to construct works.....one year
11. Estimated time required to complete the application to beneficial use.....two years
12. Remarks: For use other than irrigation or stock watering, state number and type of units to be served or annual consumptive use.

This application is being made in order to obtain water to be used in geothermal drilling processes. The estimated amount of water to be used is 2,520,000 gallons.

Applicant.....Sunoco Energy Development Company

By.....s/ Richard W. Arden

Compared.....lp/ga

ja/dp

Richard W. Arden, P.E., Agent
950 Industrial Way
Sparks, Nevada 89431

APPROVAL.....OF STATE ENGINEER

This is to certify that I have examined the foregoing application, and do hereby grant the same, subject to the following limitations and conditions:

This permit is issued subject to all existing rights on the source. It is understood that the amount of water herein granted is only a temporary allowance. This permit is issued to supply drilling water for geothermal wells granted under Permits 34427-34443, inclusive, only, and will expire on December 3, 1984; or upon completion of the drilling of the wells permitted under Permits 34427-34443, inclusive; or upon cancellation or withdrawal of all of the permits granted under Permits 34427-34443, inclusive. The total amount of water permitted to be withdrawn under this permit is 2.52 million gallons. Accurate records of the amount of water used must be kept, and a report of the amount of water used must be submitted monthly to the State Engineer. The State retains the right to regulate the use of the water herein granted at all times.

The amount of water to be appropriated shall be limited to the amount which can be applied to beneficial use, and not to exceed.....0.25.....cubic feet per second, but not to exceed 2.52 million gallons.

Actual construction work shall begin on or before.....April 25, 1980

Proof of commencement of work shall be filed before.....May 25, 1980

Work must be prosecuted with reasonable diligence and be completed on or before.....April 25, 1981

Proof of completion of work shall be filed before.....May 25, 1981

Application of water to beneficial use shall be made on or before.....April 25, 1982

Proof of the application of water to beneficial use shall be filed on or before.....May 25, 1982

Map in support of proof of beneficial use shall be filed on or before.....

Commencement of work filed..... IN TESTIMONY WHEREOF, I.....WILLIAM J. NEWMAN
Completion of work filed..... State Engineer of Nevada, have hereunto set my hand and the seal of
Proof of beneficial use filed..... my office, this 25th day of OCTOBER
Cultural map filed.....
Certificate No..... Issued..... A.D. 19 79
Recorded..... Bk..... Page.....
County Recorder..... WILLIAM J. NEWMAN State Engineer